THE MINISTER OF STATE IN THE DEPARTMENT OF COAL IN THE MINISTRY OF ENERGY (SHRI c. K. JAFFAR SHARIEF): (a) No, Sir.

(b) An agreement for a loan ot Canadian $ 166 million was concluded on 31st January 1989 between Coal India Limited and Export Development Corporation (EDC) of Canada. The loan is intended to cover the cost of Canadian goods and services for the Rajmahal opencast expansion project sanctioned by the Government in November 1988. The main terms of this loan are given below:—

| | Tranche A | Tranche B |
|---|---|---|
| (i) Loan amount (in Canadian $) | 119.52 M | 46.48 M. |
| (ii) Rate of Interest | 8.3% | NIL |
| (iii) Grace | 6 | 10 |
| years (iv) Repayment vears | 10 | 40 |

The loan to Coal India has been guaranteed by the Government of India.

**Foreign Financial Assistance for Power Projects under Execution**

1990. SHRI BIR BHADRA PRATAP SINGH: Will the Minister of ENERGY be pleased to state:

(a) which are the power projects at present under execution in the country for which finance or credit from abroad is involved;

(b) what is the name of financing agency and credit amount given by it for each such project;

(c) what is the name of foreign company, its business, quantum and contract value being handled by it with the support of such external financing arrangement in each project; and

(d) which are the new power projects in the country for which financial assistance either in part or in full from abroad is being considered?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAI): (a) and (b) The details of power projects under execution with external assistance are given in the annexed statement. *[See* Appendix CXIIX, Annexture no 111].

(c) The information is being collected and will be laid on the Table of the House.

(d) The new power projects for which external financial assistance, either in part or in full may be obtained include Nathpa Jhakri HEP, Dulhasti HEP, Uri HEP Chamera Stage-II HEP Largi HEP, Yamunanagar TPS, Gas Turbine Project at Dadri, Rihand STPS Stage-II, Panam mini hydel project, Farakka STPS Stage-Ill, Muddanur TPS, Tenughat, TPS North Madras* TPS, Koyna Stage-IV GEP, Chandrapur Extn. TPS, Gandhar Gas Turbine Project, Basin bridge Gas based project, Vishnuprayag HEP, Bha-wani Kattal HEP, etc.

**दिल्ली में बिजली के कनैक्शन पर लगाया गया प्रतिबंध**

1991. **श्री सुनील कुमार पट्टनायक:** क्या ऊर्जा मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या संघ राज्य क्षेत्र दिल्ली में बिजली के कनैक्शन प्रदान करने पर पिछले कई वर्षों से रोक लगी हुई है; और

(ख) यदि हां, तो इसके क्या कारण हैं और आवेदकों द्वारा दिल्ली विद्युत प्रदाय संस्थान को प्रस्तुत किए जाने वाले अपेक्षित दस्तावेज कौन-कौन से हैं जिनके आधार पर उपभोक्ताओं को नए विद्युत कनैक्शन जारी किए जाते हैं ?

**ऊर्जा मंत्रालय के विद्युत विभाग में राज्य मंत्री (श्री कल्पनाथ राय):** (क) जी, नहीं।

(ख) भावी उपभोक्ता द्वारा सामान्य वाणिज्यिक औपचारिकताएं पूरी किए जाने पर दि० वि० प्र० संस्थान

द्वारा औद्योगिक विद्युत कनेक्शन जारी किए जाते हैं जिनमें अन्य बातों के साथ-साथ निम्नलिखित दस्तावेज प्रस्तुत किया जाना शामिल है:—

1. निर्धारित फार्म में आवेदन जिसमें भार संबंधी ब्यौरा दिया गया हो।
2. कथित परिसर के वैधानिक दखल का प्रमाण-पत्र।
3. उद्योग को लगाने के लिए नगर निगम द्वारा प्रदान किया गया लाइसेंस अथवा उप-प्रभागीय मजिस्ट्रेट द्वारा जारी लाल डोरा प्रमाण-पत्र यदि दिल्ली के किसी ग्रामीण गांव में लाल डोरा क्षेत्र के मूल निवासी द्वारा 20 एच० पी० तक के कनैक्शन के हेतु अनुरोध किया गया है।
4. लाइसेंस प्राप्त वायरिंग ठेकेदार द्वारा दी गई प्रतिष्ठापना परीक्षण रिपोर्ट।
5. स्वीकृत भवन योजना/भवन के निर्माण-कार्य पूरे होने संबंधी प्रमाण-पत्र/अग्नि विभाग द्वारा दिया गया अनापत्ति प्रमाण-पत्र, जहां लागू हो।

**Lack** of **Inter-grid flow facilities**

1992. PROF. C. LAKSHMANNA: Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that full utilisa-"tion of the plant capacity in some grid areas is hampered due to the lack of inter-grid flow facilities;

(b) if so, what steps are being taken in this regard;

(c) whether there is any time bound programme to link all the grids in the country; and

(d) if so, what are the details in this regard?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAI): (a) to (d) The available power is being, by and large, fully utilised depending upon system load requirements. Exchange of power between States/Svstems within the same region as well as between the adjoining regions is taking place subject to availability of power and system requirements-

Regional grids in all the five regions are existing with fairly strong interconnections through 220 KV and in some cases 400 KV, tie lines between systems in the regions Inter-regional ties at 220 KV are also existing. The strengthening of transmission network is a continuous process and a number of 400 KV lines are planned for construction. High Voltage Direct Current(HVDC) back-to-back links are also planned between regions to facilitate inter-change of power.

**Generation of power by Captive Power Plants**

1993. PROF. C. LAKSHMANNA: Will the Minister of ENERGY be pleased to state:

(a) what is the total generation of power by the captive power plants during the last three years;

(b) whether it has relieved the pressure on the power supply by the NTPC and State Electricity Boards;

(c) what is the expected capacity of power generation through captive power plants during the year 1989-90; and

(d) what is the break-up of this generation in different States?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAI): (a) to (d) The information in being collected and will be laid on the Table of the House.

**Setting up of more Thermal Power Stations in the Capital**

1994. SHRI D. B.CHANDRE GOWDA: Will the Minister of ENERGY be pleased to state:

(a) whether there is an urgent need to set up more super thermal power stations in the capital to augment DESU's genera-